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09/942,005	08/28/2001	Larry Edward Schessel	1992P07463US 09

Response To Restriction Requirement

EXAMINER	
Ronald G. Foster	

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AMENDMENTS TO THE CLAIMS

In the Claims, please make the following amendments:

Claims 1-4 and 7-38 are cancelled as of the filing date of this application.

Claims 5, 6, 39-42, 53-61 and 66-76 are cancelled through the response submitted herewith.

43. (Previously Added)   In a call processing system having a basic call processing program implementing a basic call chain and a plurality of feature programs optionally executed at a plurality of trigger points during execution of the basic call processing program, a memory for storing data relating feature services to the basic call chain, and a feature interaction control program that accesses the memory for storing, a method of implementing at least one feature service for a call connection between subscribers of the call processing system comprising:

    a. executing, at each trigger point, the feature interaction control program;

    b. determining, based upon data in the memory for storing, which feature services are available to be accessed at a respective trigger point during the execution of the basic call program;

    c. blocking certain available feature services from being accessed at the respective trigger point based on feature services that are currently accessed; and

    d. .accessing, at the respective trigger point, each respective feature service which is available to be accessed and is not blocked, in a priority order for the feature services established at the most recent formatting of the system.

44. (Previously Added)   The method of claim 43, wherein the accessing comprises performing, at the respective trigger time, an action by the basic call program that is directed by the stored data pertaining to the respective trigger time and to each respective feature service which is

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available to be accessed and is not blocked, said actions being performed in the same priority order as the priority order of the feature services.

45. (Previously Added) The method of claim 43, wherein the accessing comprises accessing and executing, at the respective trigger time, each respective feature service that is available to be accessed and is not blocked by feature services that are currently accessed, in the priority order for feature services.

46. (Previously Added) The method of claim 43, wherein the accessing comprises:

    i.   determining a highest priority ordered feature service that can be accessed at the respective trigger time;

    ii.   performing a task by the basic call program that is directed by the stored data pertaining to the respective trigger time and to the highest priority ordered feature service;

    iii.   blocking certain feature services, that are available to be accessed and that are not blocked by feature services that are currently accessed, from being accessed at the respective trigger time based on the stored data pertaining to the highest priority ordered feature service; and

    iv.   repeating steps i, ii, and iii for the remainder of the feature services, that are available to be accessed at the respective trigger time and that are not blocked as a result of step iii, in succeeding priority order.

47. (Previously Added) The method of claim 46, wherein the performing a task comprises accessing and executing by the basic call program of the highest priority ordered feature service.

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48.   (Previously Added)   The method of claim 43, wherein each feature service comprises feature call software that governs operations of a particular feature for a call connection between subscribers of the system.

49.   (Previously Added)   The method of claim 43, wherein the determining comprises accessing and operating on data pertaining to each feature service that is provided by the system and is requested by a respective system subscriber, said data being arranged in a customized format.

50.   (Previously Added)   The method of claim 43, wherein the determining comprises accessing and operating on data pertaining to each feature service that is provided by the system and is requested by a respective system subscriber, said data being arranged in a logical table and bit map format.

51.   (Previously Added)   The method of claim 43, further comprising defining at least one trigger point during the execution of the basic call software at which a feature service can be implemented.

52.   (Previously Added)   The method of claim 43, further comprising defining at least one trigger point during the execution of the basic call software at which a respective feature service can be implemented and introducing respective data to the memory.

62.   (Previously Added)   A call processing system, having a processor and a memory, that establishes a call connection between subscribers and implements at least one feature service for the call connection, comprising:

   a. means for establishing a call connection between system subscribers;

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b. means for triggering at least one feature service in a manner independent of the feature service to be triggered;

c. means for accessing respective feature service data stored in the memory and arranged in an administrable format for use by the means for triggering; and

d. means for directing, upon the triggering of a feature service, the interaction of a respective feature service with the operation of the call connection.

63. (Previously Added) The call processing system of claim 62, wherein the means for triggering comprises:

a. means for determining which feature services are available to be implemented at the predefined trigger time during the call connection; and

b. means for implementing each feature service which is determined to be available in a priority order established at a time prior to system operation.

64. (Previously Added) The call processing system of claim 62, wherein the means for directing comprises means for executing the feature service during the operation of the call connection.

65. (Previously Added) The call processing system of claim 62, wherein the means for directing comprises means for executing a task by the processor as directed by the respective feature service data.